

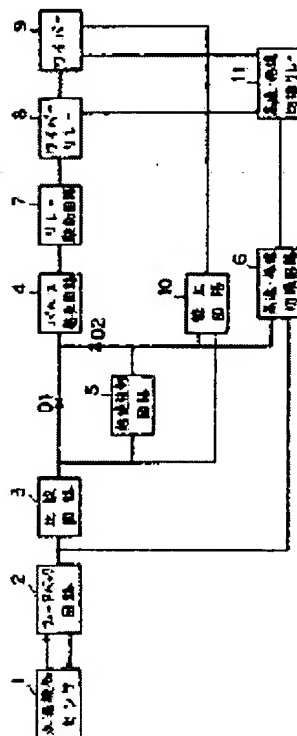
WATER FLOW SENSITIVE WINDOW WIPER

Patent number: JP63031849
Publication date: 1988-02-10
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Classification:
- international: B60S1/08
- european:
Application number: JP19860176494 19860725
Priority number(s):

Abstract of JP63031849

PURPOSE: To achieve a silent operating condition and to improve the availability, by prohibiting the driving of a wiper relay during operation of a wiper and enabling automatic switching to a high speed driving condition when a waterdrop detection sensor is continuously producing the output higher than a predetermined level.

CONSTITUTION: A sensor 1 for detecting a waterdrop adhering onto a glass surface is provided and an output signal therefrom is provided to a comparison circuit 3 through a feedback circuit 2 functionable to maintain said output at an approximately constant level, then said output is compared with a referential level. On the basis of an output from said comparison circuit 3, pulses having predetermined interval are produced from a pulse generating circuit 4 so as to control a wiper relay 8 thus reciprocating a wiper 9 single time. Here, a prohibition circuit 10 for prohibiting provision of an output from the comparison circuit 3 to the pulse generating circuit 4 when a wiper operating signal is inputted is provided. Furthermore, a high/low speed switching circuit 6 for switching a high/low switching relay 11 when the output from the sensor 1 exceeds continuously over a predetermined level is provided.



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